

03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 283

Ile Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Tyr

1 5 10 15

Pro Asp His Gly Arg Tyr Arg Asn Gln Ile Glu Arg Gly Thr Ile Glu

20 25 30

Met Thr Tyr Ile Asp Thr His Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 284

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 284

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Gly Ala Glu

1 5 10 15

Pro Gly Met Ser Gly Lys Pro Lys Val Thr Thr Trp His His Lys Arg

20 25 30

Tyr Arg Arg Phe Met Thr His Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

<210> 285

<211> 46

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 285

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asp Ile

1 5 10 15

03-15-SEQLIST-1010

Asp Thr Ala Glu Val Asn Arg Trp Glu Ser Asn Leu Lys Ser Tyr Leu
 20 25 30

Tyr Asn Met Thr Asp Ala Asn Ala Pro Lys Ala Ser Ala Ile
 35 40 45

<210> 286

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 286

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Leu
 1 5 10 15

Thr Gly Gln Ser Leu Tyr Tyr Gln Phe Met Ser Arg Ala Phe Phe Thr
 20 25 30

Leu Gln Lys Phe Thr Gln Asn Leu Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile

50

<210> 287

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 287

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Lys Ile

1

5

10

15

Ala Glu Tyr Trp Leu Thr Glu Arg Met Met His Leu Arg Ala Met Met

20

25

30

Lys Leu Leu Asn Lys His Ala His Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 288

<211> 50

<212> PRT

03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 288

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser His Ser

1 5 10 15

Ala Leu Met His Asp Lys Asp Ser Ser Thr Ser Thr Tyr Tyr Pro Gln

20 25 30

Tyr Ala Asn Ser Pro Ser Val Gly Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 289

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 289

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser His Leu

1 5 10 15

Asp Pro Cys Ala Asp Leu Asn Val Thr Gln Gln Arg Thr Thr Arg Glu

20 25 30

Thr His Ser Asp Asn Glu Asn His Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 290

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 290

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Pro Leu

1 5 10 15

03-15-SEQLIST-1010

Tyr Gln Gly Glu Thr Leu Asn Ala Tyr Ala Pro Gln Ser Met Val Lys
 20 25 30

Ile Ser Lys Asp Tyr Val Leu His Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 291

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 291

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Tyr Met
 1 5 10 15

Ala Arg Trp His Pro Met Thr His Asn His Met Lys Glu Thr Leu Phe
 20 25 30

Ala Ala Glu Pro His Val Cys Thr Asp Ala Asn Ala Pro Lys Ala Ser

35 40 03-15-SEQLIST-1010
45

Ala Ile

50

<210> 292

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 292

Met Gly Arg Gly Ser His His His His His His Ala Arg Pro Arg Phe

1 5 10 15

His Pro Pro Phe Leu Arg Asp Arg Ser Val Asn Arg Met Ile Met Asn

20 25 30

Glu His Arg Pro Arg Tyr Ser His Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

03-15-SEQLIST-1010

<210> 293

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 293

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Pro

1 5 10 15

Arg Tyr Ala Tyr Cys Gly Ser Arg Trp Asn Gly Ser Arg Met His Asn

20 25 30

Asn Lys Phe Thr Pro Ser Thr Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 294

<211> 49

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 294

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Met

1 5 10 15

Asn Gln Met Thr Asn Ala Leu Asn Leu Arg Arg Arg Ser Arg Thr Trp

20 25 30

Val Ala Thr Phe Arg Ser Glu Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

<210> 295

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 295

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Met Asn
 1 5 10 15

Gly Leu Asp Met Gly Ser Pro Ile Trp Tyr Asn Met Gln Leu Lys Leu
 20 25 30

Ile Tyr Phe Ser Cys Asn Trp Asn Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 296

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 296

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Arg Val
 1 5 10 15

Arg Asp Pro Asp Ser Gly Arg Thr His Gln Ile Arg Ser His Leu Lys

His Tyr Ser Asn Phe Pro Val Ala Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 297

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<220>

<221> MISC_FEATURE

<222> (41)..(41)

<223> xaa is any amino acid

<400> 297

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gln Val
1 5 10 15

Thr Trp His His Leu Ala Asp Thr Val Thr Thr Lys Asn Arg Lys Cys
Page 212

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20

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Thr Asp Ser Tyr Ile Gly Trp Asn Xaa Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 298

<211> 48

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 298

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Leu

1

5

10

15

Asp Val Asn Asp Glu Lys Arg Pro Pro Gly Trp Tyr Arg Thr Asn Ile

20

25

30

Ile Asp Ser Pro Ser Gly Asp Ala Asn Ala Pro Lys Ala Ser Ala Ile

35

40

45

<210> 299

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 299

Met	Gly	Arg	Gly	Ser	His	His	His	His	His	His	Ala	Arg	Ser	Arg	Arg
1				5					10					15	

Tyr	Arg	Asp	Gly	Ile	Phe	Arg	Arg	Met	Arg	Ser	Asx	Thr	Asn	Ala	Arg
		20					25					30			

Gly	Ala	Arg	His	Ala	Asp	Leu	Tyr	Asp	Ala	Asn	Ala	Pro	Lys	Ala	Ser
		35					40						45		

Ala	Ile
	50

<210> 300

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 300

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Lys Cys

1 5 10 15

His Val Arg Arg Lys Glu Ser Ala Ser Ser Lys Asn Arg His Asn His

20 25 30

Thr Trp His Asp Ser Asn Leu Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 301

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 301

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Arg Thr
1 5 10 15

Leu Leu Ile Arg Leu Tyr Pro Pro Asp Arg Phe Gly Ser Ser Arg Gln
20 25 30

Met Ala Thr Arg Asp Ser Phe Thr Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 302

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 302

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Gly
1 5 10 15

Met Tyr Val Val Ser Lys Pro Ala Ser Asp Ser Trp Thr Thr Cys Ala
Page 216

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20

25

30

Pro Tyr Thr Tyr Gly Thr Met Val Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 303

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 303

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Leu

1

5

10

15

Ser Thr Ile Arg Asx Met Asn Arg His Leu Thr Asp Arg Arg Leu Thr

20

25

30

Ala Phe Arg Asn Gln Val Val Phe Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

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Ala Ile

50

<210> 304

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 304

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Asn

1 5 10 15

Ala Trp Trp Tyr His Ile Gln Ser His Leu His Gln Trp Arg Arg His

20 25 30

Arg Leu Tyr Thr Ala Asn Gln Trp Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

03-15-SEQLIST-1010

<210> 305

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 305

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met
1 5 10 15

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys
20 25 30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 306

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 306

Met Gly Arg Gly Ser His His His His His His Ala Arg Pro Asn Val
1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 307

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 307

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val
Page 220

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1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 308

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 308

Met Gly Arg Gly Ser His His His His His Arg Ala Arg Ser Asn Val
1 5 10 15

Ile Pro Leu Ser Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
20 25 30

03-15-SEQLIST-1010

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Thr
 35 40 45

Ala Ile
 50

<210> 309

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 309

Ile Glu Arg Gly Ser Gln His His His His Ala Arg Ser Asn Val
 1 5 10 15

Ile Thr Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
 20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Thr
 35 40 45

Ala Ile

50

<210> 310

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 310

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val

1

5

10

15

Ile Thr Leu Ser Glu Val Trp Asp Thr Gly Trp Asn Arg Pro Leu Arg

20

25

30

Gln Arg Cys Arg Ser Glu Thr Asp Asp Asn Ala Gln Lys Ala Asn Asp

35

40

45

Ile

<210> 311

03-15-SEQLIST-1010

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 311

Met Gly Arg Gly Ser His His His His His Arg Ala Arg Ser Asn Val

1 5 10 15

Ile Pro Leu Ser Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 312

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 312

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly
1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 313

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 313

Met Gly Arg Gly Ser Tyr His His His His His Ala Arg Ser Val Gly
1 5 10 15

03-15-SEQLIST-1010

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
 20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 314

<211> 51

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 314

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly
 1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
 20 25 30

03-15-SEQLIST-1010

His Lys Leu Ser Gln Tyr Ser Arg Asp Asn Ala Asn Ala Pro Lys Ala
 35 40 45

Ser Ala Ile
 50

<210> 315

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 315

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly
 1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
 20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asn Ala Asn Ala Pro Lys Ala Thr
 35 40 45

Ala Ile

50

<210> 316

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 316

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1

5

10

15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr

20

25

30

His Lys Leu Ser Gln Tyr Cys Arg Asn Ala Asn Ala Pro Lys Ala Thr

35

40

45

Ala Ile

50

<210> 317

<211> 50

<212> PRT

03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 317

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr

1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr

20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 318

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 318

Met Gly Arg Gly Ser His His His His His Leu Ala Arg Ser Trp Thr

1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr

20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 319

<211> 51

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 319

Met Gly Arg Gly Ser His His His His His His His Ala Arg Ser Trp

1 5 10 15

03-15-SEQLIST-1010

Thr Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Ala
 20 25 30

Thr Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala
 35 40 45

Ser Ala Ile
 50

<210> 320

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 320

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser
 1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His
 20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser

35 40 03-15-SEQLIST-1010
45

Ala Ile

50

<210> 321

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 321

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Leu Ser Ala

1 5 10 15

Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His His

20 25 30

Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

03-15-SEQLIST-1010

<210> 322

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 322

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu

1

5

10

15

Ala Thr Arg Asn Gly Phe Val Gln Met Asn Thr Asp Arg Gly Thr Tyr

20

25

30

Val Lys Arg Pro Tyr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 323

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<220>

<221> MISC_FEATURE

<222> (37)..(37)

<223> xaa is any amino acid

<400> 323

Met	Gly	Arg	Gly	Ser	His	His	His	His	His	His	Ala	Arg	Ser	Lys	Val
1				5					10					15	

Asn	Pro	Met	Arg	Glu	Val	Arg	Cys	Asn	Ala	Arg	Cys	Ile	Arg	Lys	His
			20					25					30		

Arg	Phe	Arg	Leu	Xaa	Ile	Arg	Asp	Asp	Ala	Asn	Ala	Pro	Lys	Ala	Ser
		35					40						45		

Ala	Ile
	50

<210> 324

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 324

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met

1 5 10 15

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys

20 25 30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 325

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 325

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Met Leu
1 5 10 15

Leu Leu Asn Glu Thr Tyr Arg Arg Tyr Arg Ser Trp Asp Glu Tyr Arg
20 25 30

Asn Asp Ile Gly Ser Asn Leu Asp Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 326

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 326

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gly His
1 5 10 15

Arg Glu Ser Asn Arg Val Asn Ser Asn Tyr Ala Asp Gln Leu His Ser
Page 236

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20

25

30

Thr Pro Ile Leu Asn Thr Trp Asn Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 327

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 327

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Gly

1

5

10

15

Gln Ile Pro Tyr Lys Tyr Gly Asp Ala Ile Pro Ser Met Leu Thr His

20

25

30

Asn Ala Glu Asn Gln Pro His Asp Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

03-15-SEQLIST-1010

Ala Ile

50

<210> 328

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 328

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Pro

1

5

10

15

Arg Leu Arg Lys Val Tyr Asp Leu Thr Val Thr Thr Thr Ser Ser Gln

20

25

30

Ile Asp Lys Leu Gln Pro Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

03-15-SEQLIST-1010

<210> 329

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 329

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Glu Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 330

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 330

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Met Arg
1 5 10 15

Pro Ile Leu Val Val Lys Tyr Pro Pro Tyr Leu Gln Thr Leu Asp Asn
20 25 30

Lys Arg Asp Ile Arg Gln Met Asp Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 331

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 331

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Lys Asn
Page 240

03-15-SEQLIST-1010

1 5 10 15

Asn Thr Lys His Tyr Thr Val Val Thr Trp Cys Tyr Leu Glu Arg Lys
 20 25 30

Asn Gln Asn Leu Thr Ser His Thr Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 332

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 332

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Leu
 1 5 10 15

Arg Ser Ala Ser Cys Ser Ala Leu Thr Asp His Lys Arg Val Ala Tyr
 20 25 30

03-15-SEQLIST-1010

Ala Cys Thr His Thr Glu Tyr Lys Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 333

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 333

Met Gly Arg Asp Ser His His His His His His Ala Arg Ser Ile Ala
 1 5 10 15

Asn Met Tyr Gln Leu Trp Ser Met Asn Arg Ser Asp His Asn Leu Val
 20 25 30

Ile Lys Lys Gln Met Ser Leu Leu Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile

50

<210> 334

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 334

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Met Leu

1

5

10

15

Leu Leu Asn Glu Thr Tyr Arg Arg Tyr Arg Ser Trp Asn Glu Tyr Arg

20

25

30

Asn Asp Ile His Ser Asn Leu Asp Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 335

03-15-SEQLIST-1010

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 335

Met Gly Arg Gly Ser His His His His His His Thr Arg Ser Glu Glu

1

5

10

15

Asn Arg Gln Trp Arg Asn Glu Gly Ser Thr Pro Phe Ser Ser Leu Ile

20

25

30

Ser Asp Met Ser Lys Pro Ile Val Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 336

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 336

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Val

1 5 10 15

Thr Arg Leu Leu Arg Thr His Arg Glu Glu Lys Val Phe Glu Pro Ser

20 25 30

Pro Thr Gly Pro Ser Glu Lys His Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 337

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 337

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Asp Met Asp

1 5 10 15

03-15-SEQLIST-1010

Leu Trp Asp Leu Pro Ala Leu Ala Pro Gln Ser Thr Thr Met Gln Met
 20 25 30

His Ser Phe Thr His Met Lys Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40 45

Ile

<210> 338

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 338

Met Arg Arg Gly Ser His His His His His His Ala Arg Ser Arg Arg
 1 5 10 15

Val Thr Thr Glu Gly Gly Pro Lys Trp Ile Pro Gly His His Met Arg
 20 25 30

03-15-SEQLIST-1010

Asp Asn Ile Pro Glu Ile Ala Asn Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 339

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 339

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Gly
 1 5 10 15

Leu Ser Gly Thr Gln Thr Trp Lys Ile Thr Lys Leu Ala Thr Arg Leu
 20 25 30

His His Pro Glu Phe Glu Thr Asn Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile

50

<210> 340

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 340

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Thr Trp Asn

1

5

10

15

Gly Arg Pro Leu His His Leu Asp His Gln Trp Tyr Pro Asp Glu Ala

20

25

30

Arg Leu His Ala Ile His Asn Asp Ala Asn Ala Pro Lys Ala Ser Ala

35

40

45

Ile

<210> 341

<211> 50

<212> PRT

03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 341

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Asn

1 5 10 15

Arg Gly Val Asn His Thr Gly Gln Met Arg Thr Met Pro Pro Ala Pro

20 25 30

Thr Val Glu Arg Ala Leu Asn Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 342

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 342

Thr Gly Arg Gly Ser His His His His His His Ala Arg Ser Pro Leu
 1 5 10 15

Glu Leu Tyr Val Ile Thr Arg Asp Ala Arg Thr Asp Thr Gly Pro Ser
 20 25 30

Ser Leu Arg Asp Ala Asn Ala Pro Lys Ala Ser Ala Ile
 35 40 45

<210> 343

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 343

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val
 1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
 20 25 30

03-15-SEQLIST-1010

Arg Pro Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 344

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 344

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Asn Val Ile
 1 5 10 15

Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg
 20 25 30

Ser Ser Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40 45

Ile

03-15-SEQLIST-1010

<210> 345

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 345

Met	Gly	Arg	Gly	Ser	His	His	His	His	His	His	Ala	Arg	Ser	Val	Gly
1				5					10					15	

Thr	Thr	Ile	Arg	Ile	Ala	Gln	Asp	Thr	Glu	His	Tyr	Arg	Asn	Val	Tyr
		20					25						30		

His	Lys	Leu	Ser	Gln	Tyr	Ser	Arg	Asp	Ala	Asn	Ala	Pro	Lys	Ala	Ser
		35					40						45		

Ala	Ile
	50

<210> 346

<211> 50

<212> PRT

03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 346

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asn Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 347

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 347

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Val Gly Thr

1 5 10 15

Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr His

20 25 30

Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

<210> 348

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 348

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Val Gly Thr

1 5 10 15

03-15-SEQLIST-1010

Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr His
 20 25 30

Lys Leu Ser His Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40 45

Ile

<210> 349

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 349

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr
 1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr
 20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser

35 40 03-15-SEQLIST-1010
45

Ala Ile

50

<210> 350

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 350

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Pro Leu Trp

1 5 10 15

Tyr His Tyr Asn Cys Trp Asp Thr Ile Cys Leu Ala Asp Trp Leu Lys

20 25 30

Asp Arg Pro His Gly Val Tyr Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

03-15-SEQLIST-1010

<210> 351

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 351

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser

1 5 10 15

Ala Leu Met Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His

20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 352

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 352

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser

1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His

20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 353

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 353

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Leu Ser Ala
 1 5 10 15

Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His His
 20 25 30

Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40 45

Ile

<210> 354

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 354

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu
 1 5 10 15

Ala Thr Arg Asn Gly Phe Val Met Asn Thr Asp Arg Gly Thr Tyr Val

Lys Arg Pro Thr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser Ala
35 40 45

Ile

<210> 355

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 355

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu
1 5 10 15

Ala Thr Arg Asn Gly Phe Val Gln Met Asn Thr Asp Arg Gly Thr Tyr
20 25 30

Val Lys Arg Pro Thr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

03-15-SEQLIST-1010

Ala Ile

50

<210> 356

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 356

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met

1

5

10

15

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys

20

25

30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

03-15-SEQLIST-1010

<210> 357

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 357

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Phe

1

5

10

15

Asn Lys Val Gly Arg Val Asp Ser Glu Phe Gly Thr Lys Ala Asn Ser

20

25

30

His Gln Ile Pro Ser Gly Glu Leu Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 358

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

03-15-SEQLIST-1010

<223> Synthetic sequence, no source organism

<400> 358

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Lys
1 5 10 15

Tyr Trp Met Ile Pro Ser Trp Asn Leu Tyr Pro Trp Leu Leu Met Tyr
20 25 30

Asp Thr Leu Ile His Pro Thr Met Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 359

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 359

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Trp

1

5

10

15

Thr Arg Met Gln Ile Pro Thr Ser Trp Tyr Trp Tyr Thr Tyr Trp Ile

20

25

30

Asn His Leu Gln Lys His Asp Ile Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 360

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 360

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Arg

1

5

10

15

Trp His Asn Trp Gly Leu Ser Asp Thr Val Ala Ser His Pro Asp Ala

20

25

30

03-15-SEQLIST-1010

Ser Asn Ser Leu Asn Met Met Tyr Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 361

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 361

Met Gly Arg Gly Ser His His His His His Asp Ala Arg Ser Ser His
 1 5 10 15

Trp Ser Asn Ala Asp His Ile Gly Pro Ser Arg Cys Leu Gly Cys Thr
 20 25 30

Met Thr Thr Leu Ile Arg Leu Pro Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile

50

<210> 362

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 362

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Arg Ser

1

5

10

15

Ile Pro Val Arg Ile Gln Gly Asn Pro Gly Asn Ser His Tyr Arg Leu

20

25

30

Met Gly Ala Ser Met Val His Gly Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 363

<211> 50

03-15-SEQLIST-1010

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 363

Met Gly Arg Asp Ser His His His His His His Ala Arg Ser Ile Ala
1 5 10 15

Asn Met Tyr Gln Leu Trp Ser Met Asn Arg Ser Asp His Asn Leu Val
20 25 30

Ile Lys Lys Gln Met Ser Leu Leu Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala Ile
50

<210> 364

<211> 48

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 364

Met Gly Arg Ser His His His His His Ala Arg Ser Gly Lys Phe Arg
1 5 10 15

His Glu Ile Tyr Asn Met Glu Trp Pro Leu Ala Leu Glu Arg Tyr Trp
20 25 30

Asp Tyr His Gly Glu Pro Asp Ala Asn Ala Pro Lys Ala Ser Ala Ile
35 40 45

<210> 365

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 365

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Glu
1 5 10 15

Thr Thr Thr Thr Ser Leu Met Asn Glu Glu Asp Ala Trp Asn Trp Thr
20 25 30

03-15-SEQLIST-1010

Ile Glu Lys Ser Arg His Ile Glu Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 366

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 366

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Met
 1 5 10 15

Tyr Met His Trp Gln Trp Ala Val Asn Arg Met Gly His Ala Thr Ala
 20 25 30

Met Ser Thr Leu Ala Asn Ala Tyr Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile

50

<210> 367

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 367

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Asp

1

5

10

15

Ile Pro Leu Asn Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg

20

25

30

Ser Arg Leu Thr Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser Ala

35

40

45

Ile

<210> 368

<211> 49

03-15-SEQLIST-1010

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 368

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val
1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His
20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala

<210> 369

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 369

Met Gly Arg Gly Ser His His His His His Arg Ala Arg Ser Asn Val

1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala

<210> 370

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 370

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1 5 10 15

03-15-SEQLIST-1010

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
 20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala

<210> 371

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 371

Met Gly Arg Gly Ser His His His His His His Thr Arg Ser Val Gly
 1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
 20 25 30

03-15-SEQLIST-1010

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 372

<211> 48

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 372

Met Gly Arg Gly Ser His His His Gln His Asn Ala Arg Ser Val Ala

1

5

10

15

Thr Thr Ile Pro Asp Arg Pro Gly His Gly Thr Leu Pro Glu Arg Leu

20

25

30

Pro Gln Ala Leu Pro Glu Leu Pro Gly Arg Arg Ser Glu Gly Ile Arg

35

40

45

<210> 373

<211> 49

03-15-SEQLIST-1010

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 373

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly
1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr
20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala

<210> 374

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 374

Met Gly Arg Gly Ser His Tyr His His His His Ala Arg Ser Val Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala

<210> 375

<211> 48

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 375

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Val Gly Thr

1 5 10 15

03-15-SEQLIST-1010

Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr His
 20 25 30

Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40 45

<210> 376

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 376

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr
 1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr
 20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala

<210> 377

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 377

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Gln

1

5

10

15

Pro Glu Val Lys Met Ser Ser Leu Val Asp Thr Ser Gln Thr Val Gly

20

25

30

Ala Ala Val Glu Thr Arg Thr Thr Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 378

<211> 49

03-15-SEQLIST-1010

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 378

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser
1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His
20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala

<210> 379

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 379

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu

1 5 10 15

Ala Thr Arg Asn Gly Phe Val Gln Met Asn Thr Asp Arg Gly Thr Tyr

20 25 30

Val Lys Arg Pro Thr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala

<210> 380

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 380

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met

1 5 10 15

03-15-SEQLIST-1010

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys
 20 25 30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala

<210> 381

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 381

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gln Val
 1 5 10 15

Thr Trp His His Leu Ala Asp Thr Val Thr Thr Lys Asn Arg Lys Cys
 20 25 30

03-15-SEQLIST-1010

Thr Asp Ser Tyr Ile Gly Trp Asn Glu Leu Thr Leu Arg Arg His Pro

35

40

45

Leu

<210> 382

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 382

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Gly

1

5

10

15

Gly Pro Thr Gly Thr Ser Ala Ser Ala Gly Pro Thr Ser Ala Thr Arg

20

25

30

Ser Pro Pro Gly Gly Pro Arg Arg Thr Leu Thr Leu Arg Arg His Pro

35

40

45

Leu

<210> 383

<211> 43

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 383

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gly Lys
 1 5 10 15

Val Arg Gly His Thr Lys Glu Thr Pro Pro Thr Glu Phe Gly Leu Ser
 20 25 30

Leu Met Asp Ala Asn Ala Pro Lys Ala Ser Ala
 35 40

<210> 384

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

03-15-SEQLIST-1010

<400> 384

Met Gly Arg Gly Ser His His His His His His Leu Asp Leu Trp Gly

1 5 10 15

Pro Pro Ser Gly Ser Pro Arg Thr Arg Ser Thr Thr Gly Thr Ser Thr

20 25 30

Thr Ser Ser Pro Ser Thr Pro Gly Thr Leu Thr Leu Arg Arg His Pro

35 40 45

His

<210> 385

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 385

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Pro Thr

1 5 10 15

03-15-SEQLIST-1010

Met Arg Arg His Ile Arg Arg Ala Leu Tyr Pro Tyr Ser Thr Arg Arg
 20 25 30

Ser Leu Leu Thr Ser Ala Pro Val Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala

<210> 386

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 386

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Val
 1 5 10 15

His Trp Ser Tyr Cys Gly Ala Glu Val Lys Lys Asp Trp Tyr Gln His
 20 25 30

03-15-SEQLIST-1010

Thr Ala Trp Thr Lys Asn His Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 387

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 387

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Met

1

5

10

15

Asn Thr Arg Arg Met Asp Ile Arg Asn Leu Ile Thr Lys Arg Val Lys

20

25

30

Lys Asp Tyr Ser Pro Gly Ser Lys Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

03-15-SEQLIST-1010

<210> 388

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 388

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Asp
1 5 10 15

Asp Thr Gly His Leu Leu His Thr Gly Arg Leu Met Arg Thr Pro Ser
20 25 30

Thr Asn Ser Trp His Thr Leu Asn Asp Ala Asn Ala Pro Lys Ala Ser
35 40 45

Ala

<210> 389

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 389

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Leu

1

5

10

15

Asn Lys Val Gly Arg Val Asp Ser Glu Phe Gly Thr Lys Ala Asn Ser

20

25

30

His Gln Ile Pro Ser Gly Glu Leu Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 390

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 390

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser His Ser
 1 5 10 15

Arg His Glu Trp Thr Ser Thr Pro Arg Arg Arg Arg Ser Thr Gly Pro
 20 25 30

Gly Ser Arg Trp Ala Ser Gly Thr Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala

<210> 391

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 391

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gly Arg
 1 5 10 15

03-15-SEQLIST-1010

Tyr His Arg Asp Arg Trp Leu Ala Thr Met Arg Tyr Pro Asp Pro Ser

20

25

30

Gln Val Trp Ser Arg Tyr Val Pro Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 392

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 392

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Arg

1

5

10

15

Trp His Asn Trp Gly Leu Ser Asp Thr Val Ala Ser His Pro Asp Ala

20

25

30

Ser Asn Ser Leu Asn Met Met Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala

<210> 393

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 393

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Pro Leu

1 5 10 15

Trp Tyr His Tyr Asn Cys Trp Asp Thr Ile Cys Leu Ala Asp Trp Leu

20 25 30

Lys Asp Arg Pro His Gly Val Tyr Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala

03-15-SEQLIST-1010

<210> 394

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 394

Met Gly Arg Gly Ser His His His His His Ala Arg Ser Asn Val Ile

1 5 10 15

Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg

20 25 30

Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

<210> 395

<211> 48

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 395

Met Gly Leu Leu His His His His His Ala Arg Ser Asn Val Ile Pro

1 5 10 15

Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg Ser

20 25 30

Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser Ala Ile

35 40 45

<210> 396

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 396

Met Gly Arg Ser Ser His His His His His His Ala Arg Ser Asn Val

1 5 10 15

03-15-SEQLIST-1010

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20

25

30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 397

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 397

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val

1

5

10

15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20

25

30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 398

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 398

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val

1

5

10

15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20

25

30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Asn

03-15-SEQLIST-1010

<210> 399

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 399

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val

1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 400

<211> 49

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 400

Met Gly Arg Ser His His His His His His Ala Arg Ser Asn Val Ile

1 5 10 15

Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg

20 25 30

Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser Ala

35 40 45

Ile

<210> 401

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 401

03-15-SEQLIST-1010

Met Gly Arg Ser His His His His His His His Ala Arg Ser Asn Val Ile

1 5 10 15

Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His Arg

20 25 30

Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Arg

35 40 45

<210> 402

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 402

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Thr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 403

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 403

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1

5

10

15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Thr Arg Asn Val Tyr

20

25

30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala

35

40

<210> 404

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 404

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Thr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 405

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 405

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr
 1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr
 20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser
 35 40 45

Ala Ile
 50

<210> 406

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 406

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu
 1 5 10 15

03-15-SEQLIST-1010

Ala Thr Arg Asn Gly Phe Glu Gln Met Asn Thr Asp Arg Gly Thr Tyr

20

25

30

Val Lys Arg Thr Thr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 407

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 407

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Arg

1

5

10

15

Asp Thr Arg Lys Leu His Met Arg His Tyr Phe Pro Leu Ala Ile Asp

20

25

30

Ser Tyr Trp Asp His Thr Leu Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 408

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 408

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser Pro

1

5

10

15

Leu Trp Tyr His Tyr Asn Cys Trp Asp Thr Ile Cys Leu Ala Asp Trp

20

25

30

Leu Lys Asp Arg Pro His Gly Val Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

03-15-SEQLIST-1010

<210> 409

<211> 51

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 409

Met Gly Arg Gly Ser His His His His His His His Ala Arg Ser Pro

1 5 10 15

Leu Trp Tyr His Tyr Asn Cys Trp Asp Thr Ile Cys Leu Ala Asp Trp

20 25 30

Leu Lys Asp Arg Pro His Gly Val Tyr Asp Ala Asn Ala Pro Lys Ala

35 40 45

Ser Ala Ile

50

<210> 410

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 410

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gly Arg

1 5 10 15

Tyr His Arg Asp Arg Trp Leu Ala Thr Met Arg Tyr Pro Asp Pro Ser

20 25 30

Gln Val Trp Ser Arg Tyr Val Pro Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 411

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 411

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met

1 5 10 15

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys

20 25 30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 412

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 412

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Leu

1 5 10 15

Tyr Ile Thr Gly Glu Phe Lys Arg Gln Thr Asp Asn Asn Gly Ser Glu

20 25 30

03-15-SEQLIST-1010

Leu Arg Arg Met Ser Arg Pro Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 413

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 413

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Cys

1

5

10

15

Leu Ile Ser Leu Thr Ala Glu Glu Lys Ala Leu Asn Arg Met Met Asn

20

25

30

Val Ser Val Pro Arg Val Met Thr Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

03-15-SEQLIST-1010

Ala Ile

50

<210> 414

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 414

Met Gly Arg Asp Ser His His His His His His Ala Arg Ser Ile Ala

1

5

10

15

Asn Met Tyr Gln Leu Trp Ser Met Asn Arg Ser Asp His Asn Leu Val

20

25

30

Ile Lys Lys Gln Met Ser Leu Leu Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 415

03-15-SEQLIST-1010

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 415

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser

1 5 10 15

Arg Leu Ala Thr Val Leu Asp Glu Pro Asp Arg Ser Leu Gln Thr Arg

20 25 30

Thr Asn Arg Pro His Arg Met Ile Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50